

**IN THE CLAIM**

Please amend claims 1, 7-9, 21 and 22 to read as follow:

1           1. (Currently Amended) A process for quantitating a human DNA in a sample, said  
2 process comprising the steps of:  
3           providing a sample to be analyzed;  
4           amplifying predetermined genomic DNA containing an *Alu* element by using primers,  
5 said *Alu* element being enriched in the human genome compared to non-human primates  
6 genomes, the amplification being intra-*Alu* polymerase chain reaction amplification; and  
7           ~~quantitating~~ measuring the amount of the human DNA by comparing the amplified DNA  
8 with a reference.

1           2. (Canceled)

1           3. (Canceled)

1           4. (Canceled)

1           5. (Previously Presented) The process of claim 1, wherein the amplification is a  
2 polymerase chain reaction with the primers containing the following sequences:

3           5' CGAGGCGGGTGGATCATGAGGT 3'(SEQ ID NO: 3)

4 and

5 5' TCTGTCGCCCAGGCCGACT 3' (SEQ ID NO: 4).

1 6. (Previously Presented) The process of claim 1, wherein the amplification is a  
2 polymerase chain reaction with the primers containing the following sequences:

3 5' GAGATCGAGACCACGGTGAAA 3' (SEQ ID NO: 5)

4 and

5 5' TTTGAGACGGAGTCTCGTT 3' (SEQ ID NO: 6).

1 7. (Currently Amended) The process of claim 1, wherein the ~~quantitation~~ measurement  
2 step comprises the step of measuring the amount of the human DNA on an agarose gel stained  
3 with ethidium bromide.

1 8. (Currently Amended) The process of claim 1, wherein the ~~quantitation~~ measurement  
2 step comprises the step of ~~detecting~~ measuring the amount of the human DNA by using a qPCR  
3 system.

1 9. (Currently Amended) The process of claim 1, wherein the ~~quantitation~~ measurement  
2 step comprises the step of ~~detecting~~ measuring the amount of the human DNA by using *TaqMan*  
3 chemistry.

1            10. (Canceled)

1            11. (Canceled)

1            12. (Canceled)

1            13. (Canceled)

1            14. (Canceled)

1            15. (Canceled)

1            16. (Canceled)

1            17. (Canceled)

1            18. (Canceled)

1            19. (Canceled)

1            20. (Canceled)

1           21. (Currently Amended) A process for quantitating a human DNA in a sample, said  
2 process comprising the steps of:

3           providing a sample to be analyzed;

4           amplifying predetermined genomic DNA containing an *Alu* element by using primers,  
5 said *Alu* element being present only in the human genome, the amplification being intra-*Alu*  
6 polymerase chain reaction amplification; and

7           ~~quantitating~~ measuring the amount of the human DNA by comparing the amplified DNA  
8 with a reference.

1           22. (Currently Amended) A process for quantitating a human DNA in a sample, said  
2 process comprising the steps of:

3           providing a sample to be analyzed;

4           amplifying predetermined genomic DNA containing a young *Alu* element by using  
5 primers, said young *Alu* element being largely absent from non-human primates, the  
6 amplification being intra-*Alu* polymerase chain reaction amplification; and

7           ~~quantitation~~ measuring the amount of the human DNA by comparing the amplified DNA  
8 with a reference.